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Form PCT/ISA/210 (patent family annex) (April 2005)

## PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

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# PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY  
(PCT Rule 43bis.1)

Date of mailing (*day/month/year*)

08/12/2005

Applicant's or agent's file reference

ZL03828006

**FOR FURTHER ACTION**

See paragraph 2 below

International application No.

PCT/CN2005/000975

International filing date (*day/month/year*)

04/07/2005

Priority date (*day/month/year*)

28/02/2005

International Patent Classification (IPC) or both national classification and IPC

IPC<sup>7</sup> E04F15/04

Applicant

Li Yadong, etc.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

State Intellectual Property Office of P. R. China (ISA/CN) 6 West Tucheng Road,	Date of completion of this opinion	Authorized officer
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Form PCT/ISA/237 (cover sheet) (April 2005)

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/CN2005/000975

**Box No. I Basis of this opinion**

1. With regard to the **language**, this opinion has been established on the basis of:

- ☒ the international application in the language in which it was filed.  
☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper  
☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.  
☐ filed together with the international application in electronic form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

Form PCT/ISA/237 (Box No. I) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		International application No. PCT/CN2005/000975
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement		
Novelty (N)	Claims 1-4	Yes
	Claims	No
Inventive step (IS)	Claims 1-4	Yes
	Claims	No
Industrial applicability (IA)	Claims 1-4	Yes
	Claims	No
2. Citations and explanations:		
Claims 1-4 comply with PCT Article 33 (2)-(4).		
This written opinion is made on the basis of the following cited documents:		
D1-CN1328611A (Valeri Louvat 瓦莱里·鲁瓦), 26/02/2001		
D2-CN2499486Y(Zhang Haiding, Yuan Xiaoping), 10/07/2002		
D3-CN2585928Y (Yang Shu), 12/11/2003		
D4-US2002017071A1 (DEVIVI DC), 14/02/2002		
D5-EP1273737A2 (PREMARK RWP HOLDINGS INC), 08/01/2003		
D6-EP1213407A1 (POLIFACE COMPONENTES E SISTEMAS PARA MOB), 06/12/2002		
Novelty:		
As none of the above documents publicize the floorboard strips as shown in Claims 1-3 and the floor assembled with such strips in Claim 4, Claims 1-4 comply with PCT Article 33 (2).		
Inventive Step:		
Document 1 (D1) represents the prior art that is the closest to this invention. It publicizes the floorboard strips with concave slots (slot mortise) and ribs (tenon). But both angle A and angle B formed in D1 are not the same as angle $\alpha$ and $\beta$ in this invention. Further, the gradient formed on the external surface of the lower side of the slot mortise in this invention differs from the above-mentioned angle A or B. Therefore, the floorboard strips in D1 differ from those described in Claims 1-3 and the floor assembled in D1 is also different from the floor described in Claim 4. Therefore, Claims 1-4 comply with PCT Article 33 (3).		
Industrial Applicability:		
Claims 1-4 are applicable in industry. So they comply with PCT Article 33 (4).		

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Form PCT/ISA/237 (Box No. V) (April 2005)